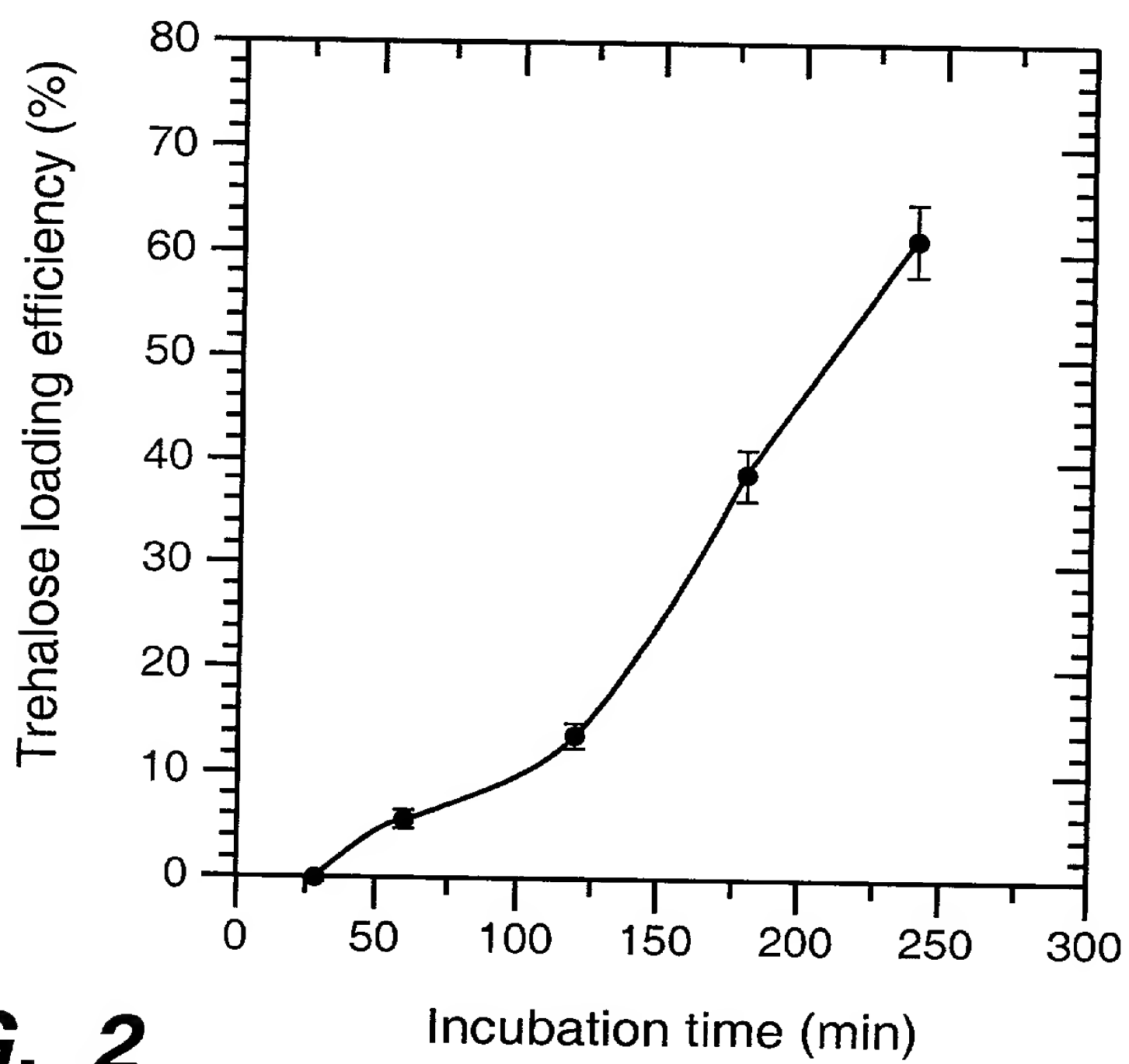
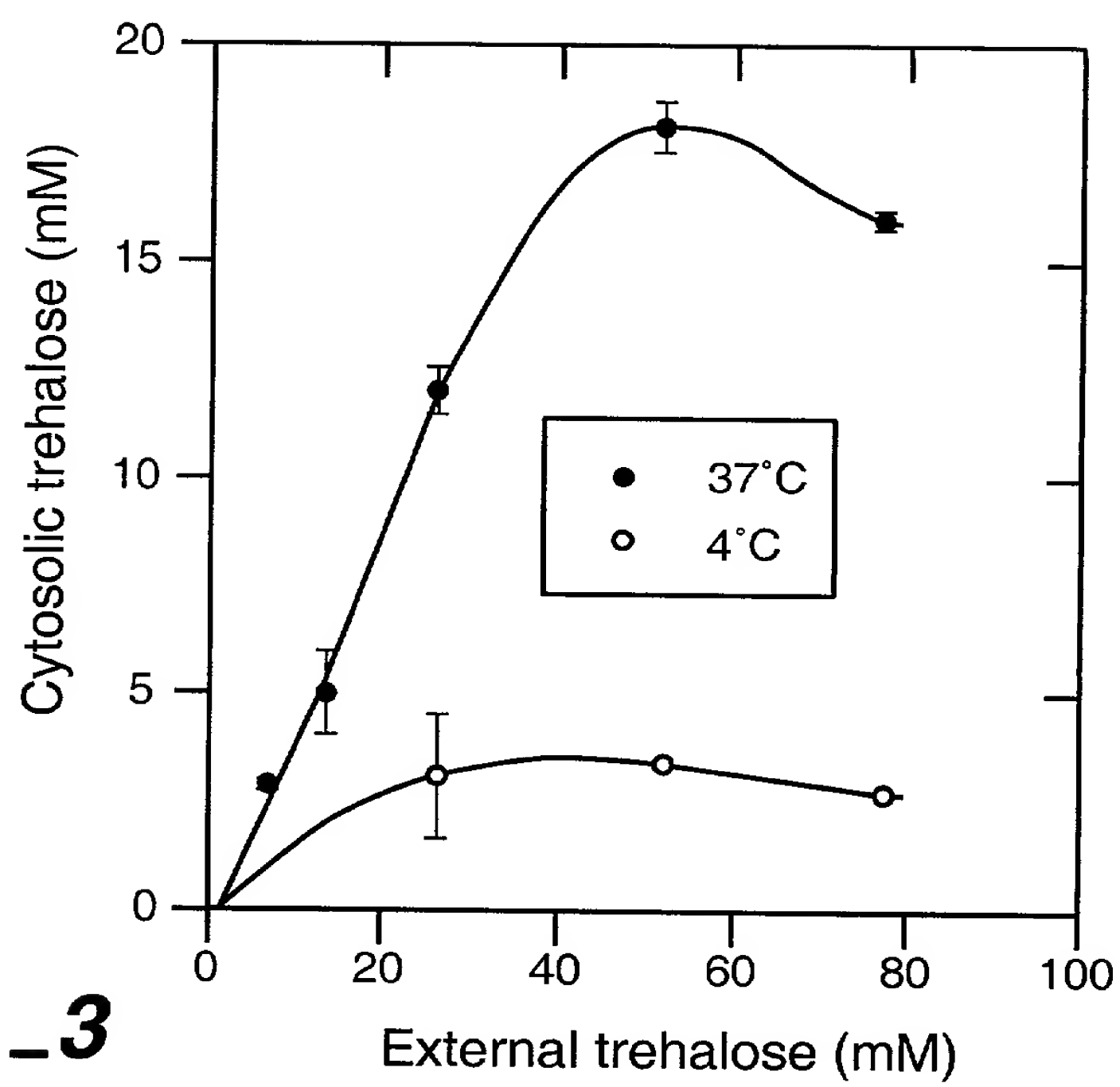
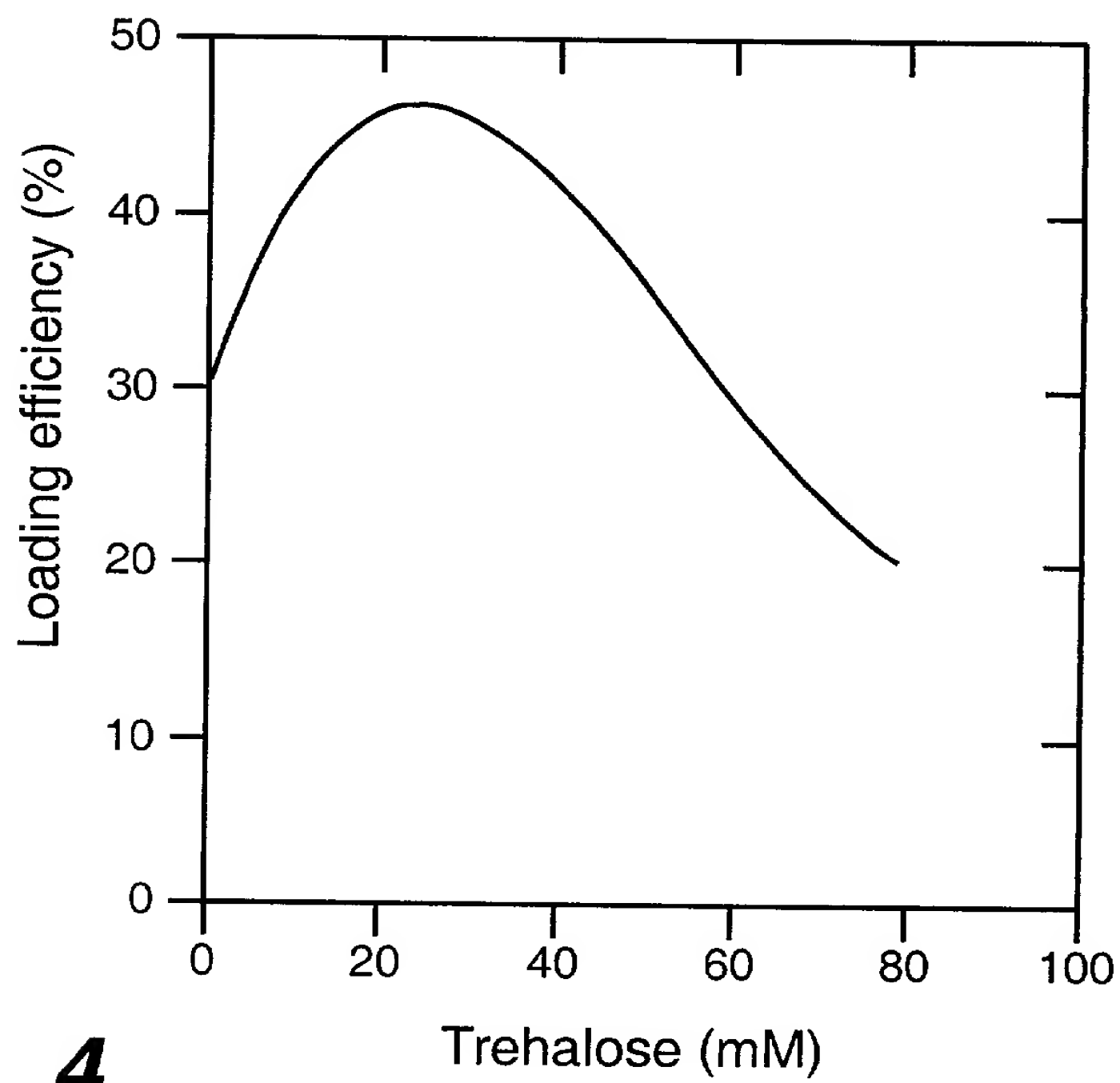
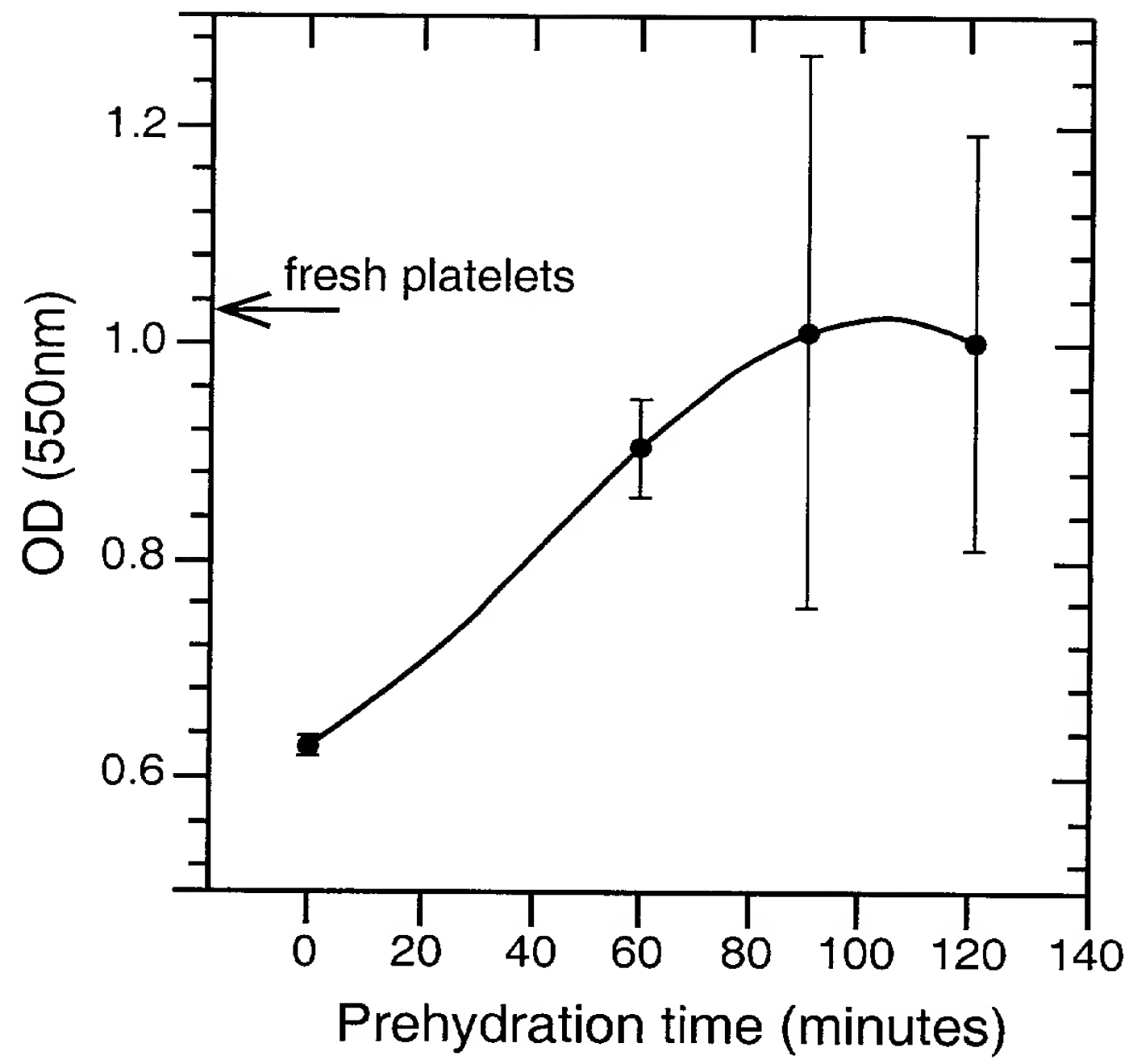
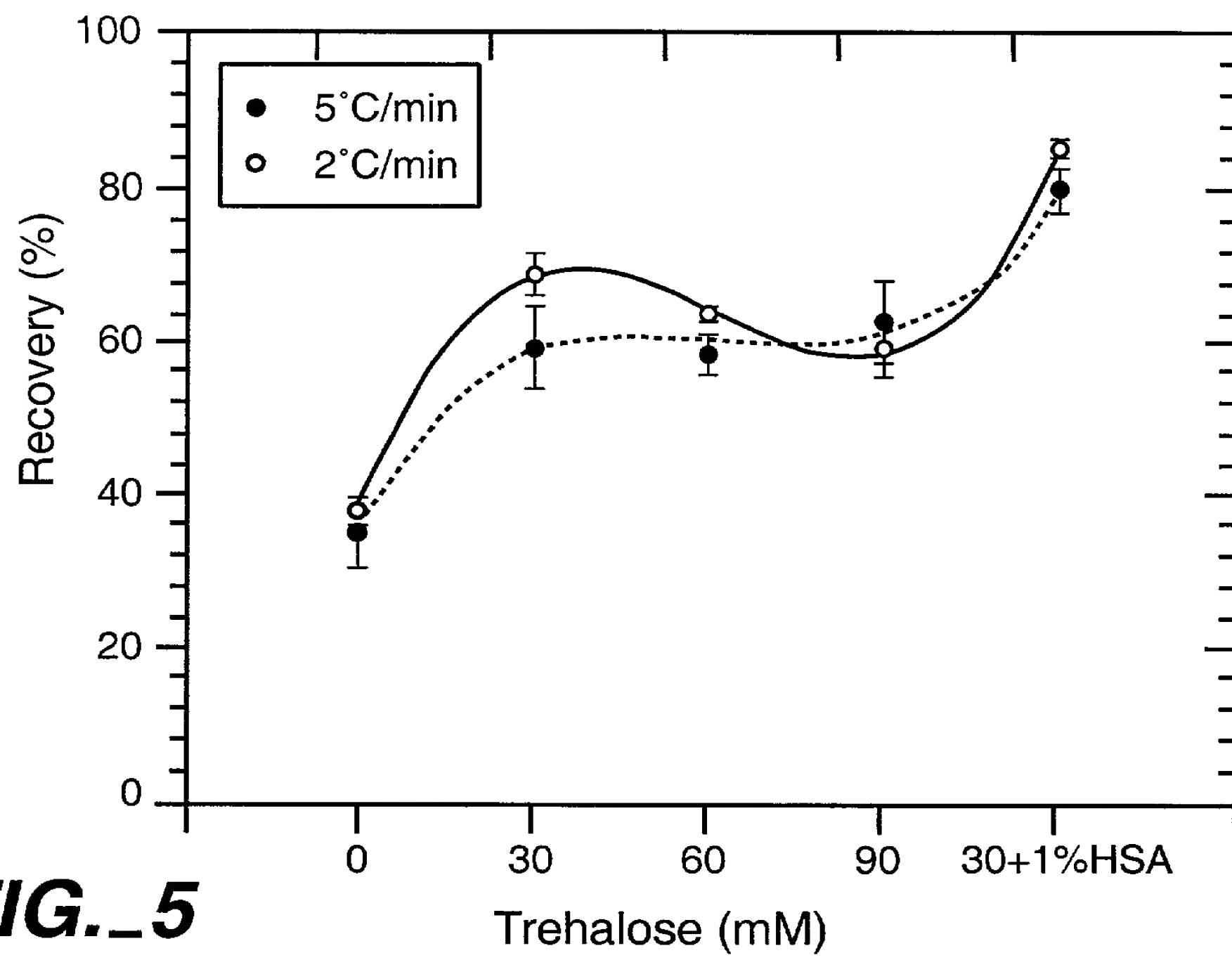
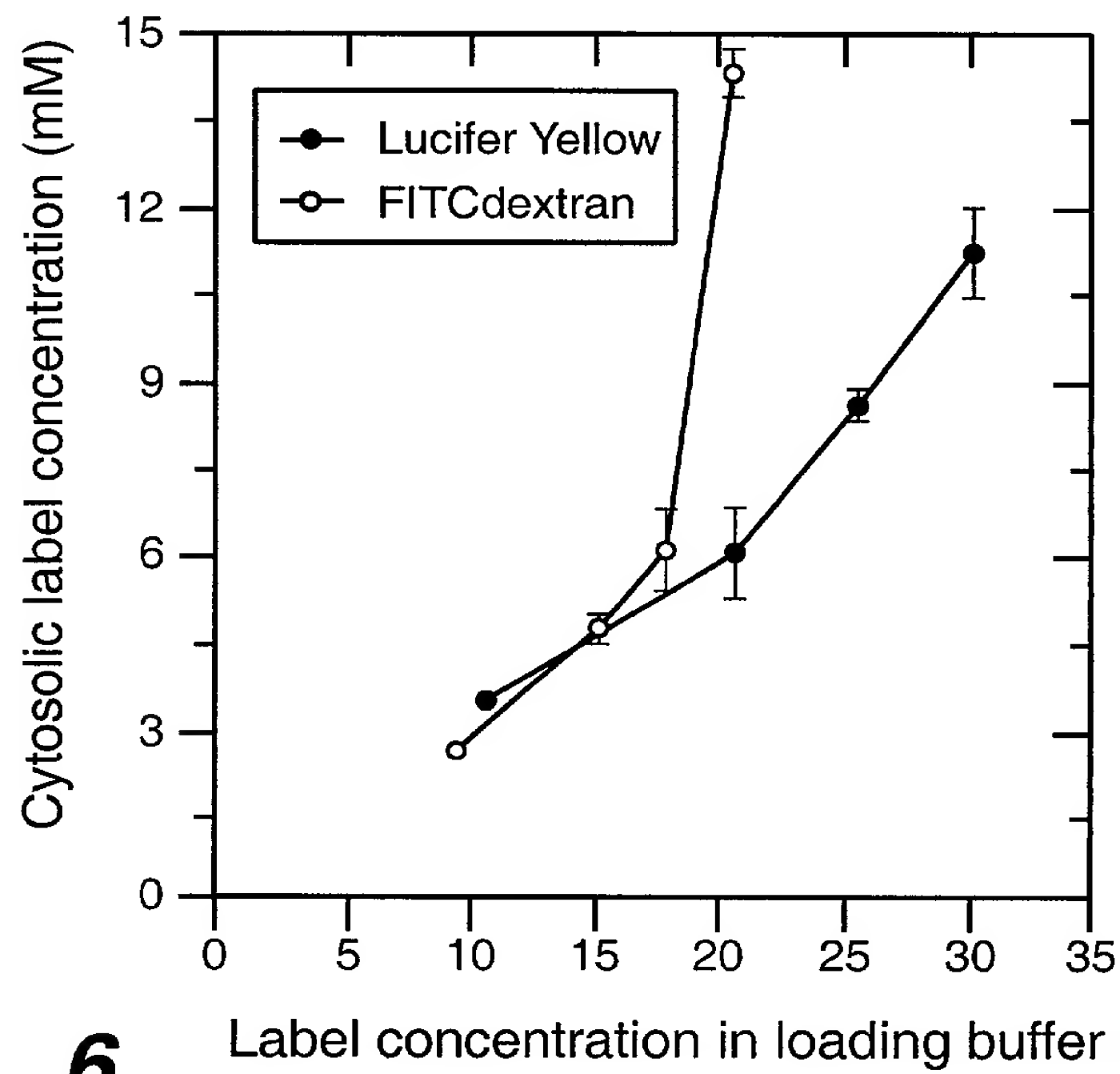
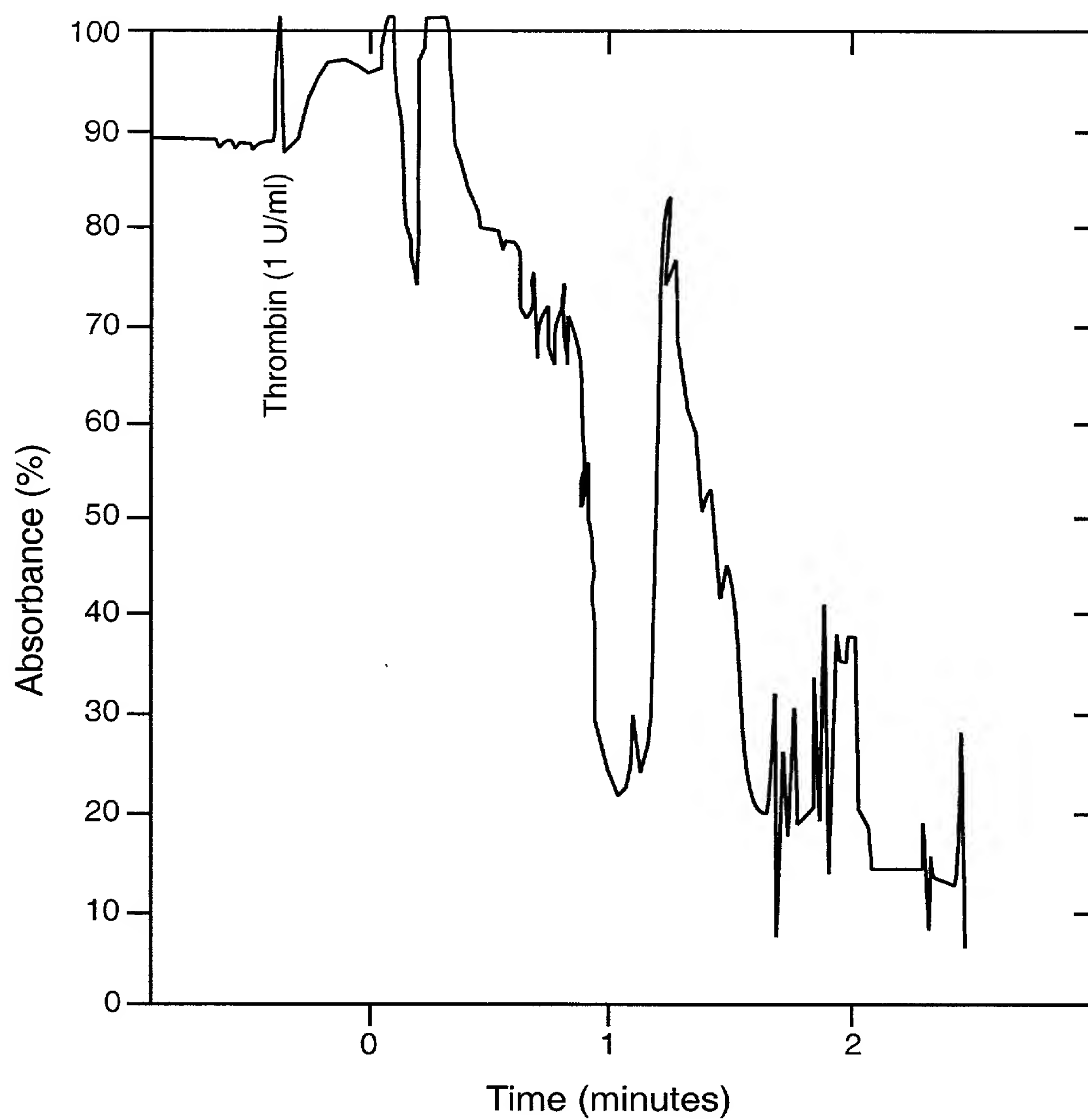
**FIG._1****FIG._2**

**FIG._3****FIG._4**

**FIG._7****FIG._8A**
(PRIOR ART)**FIG._8B**

**FIG._5****FIG._6**

**FIG. 9**

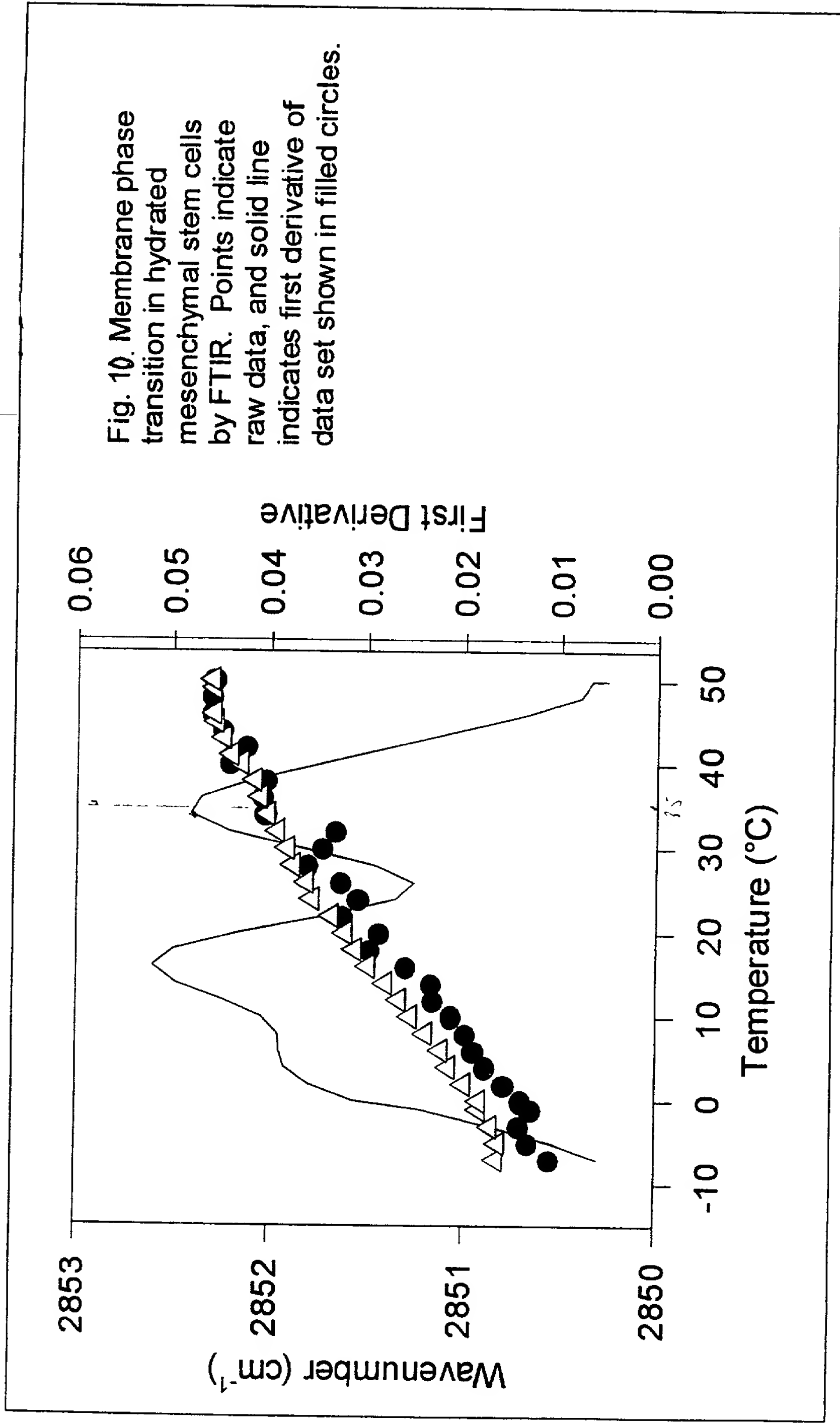


Fig. 10

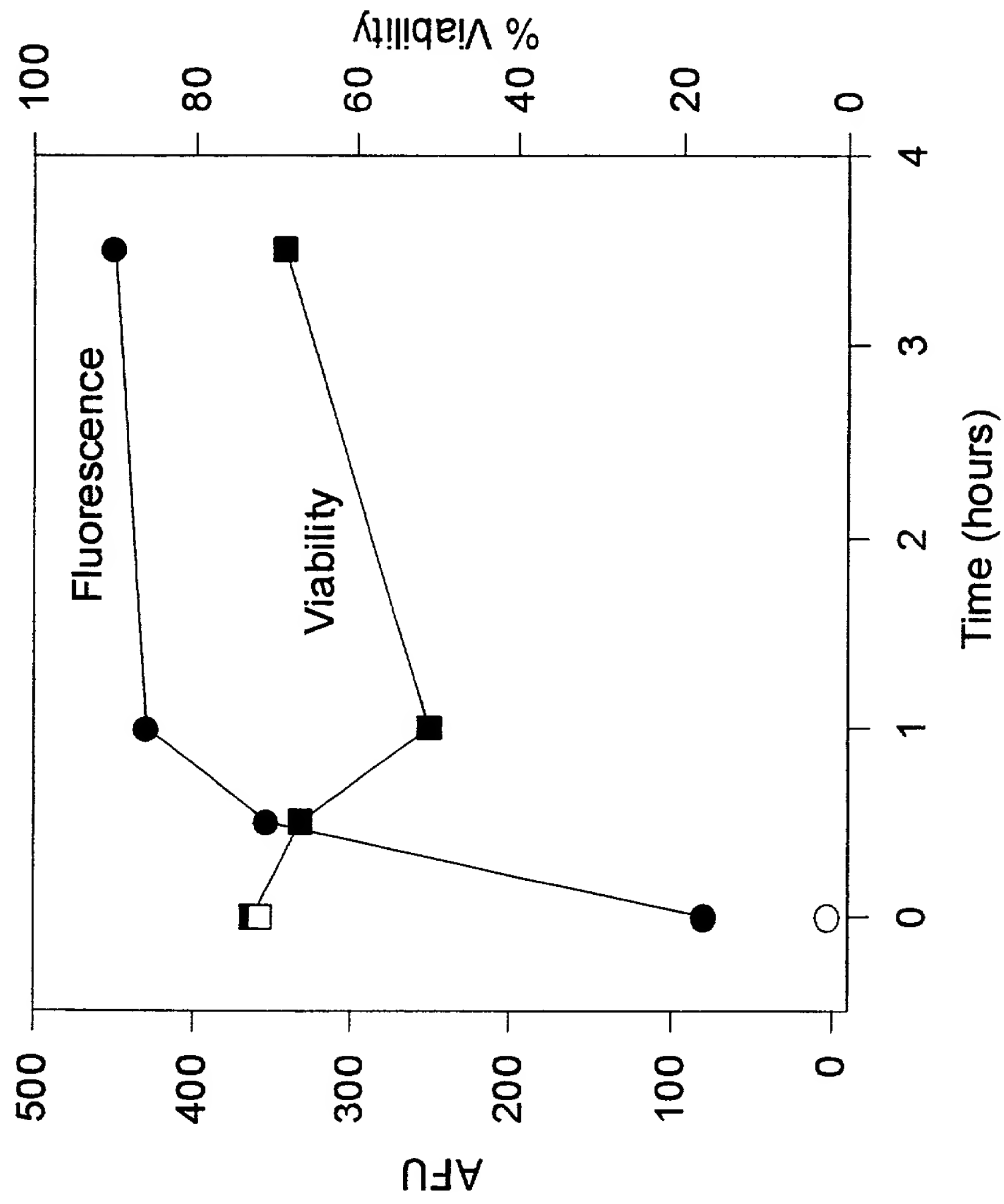
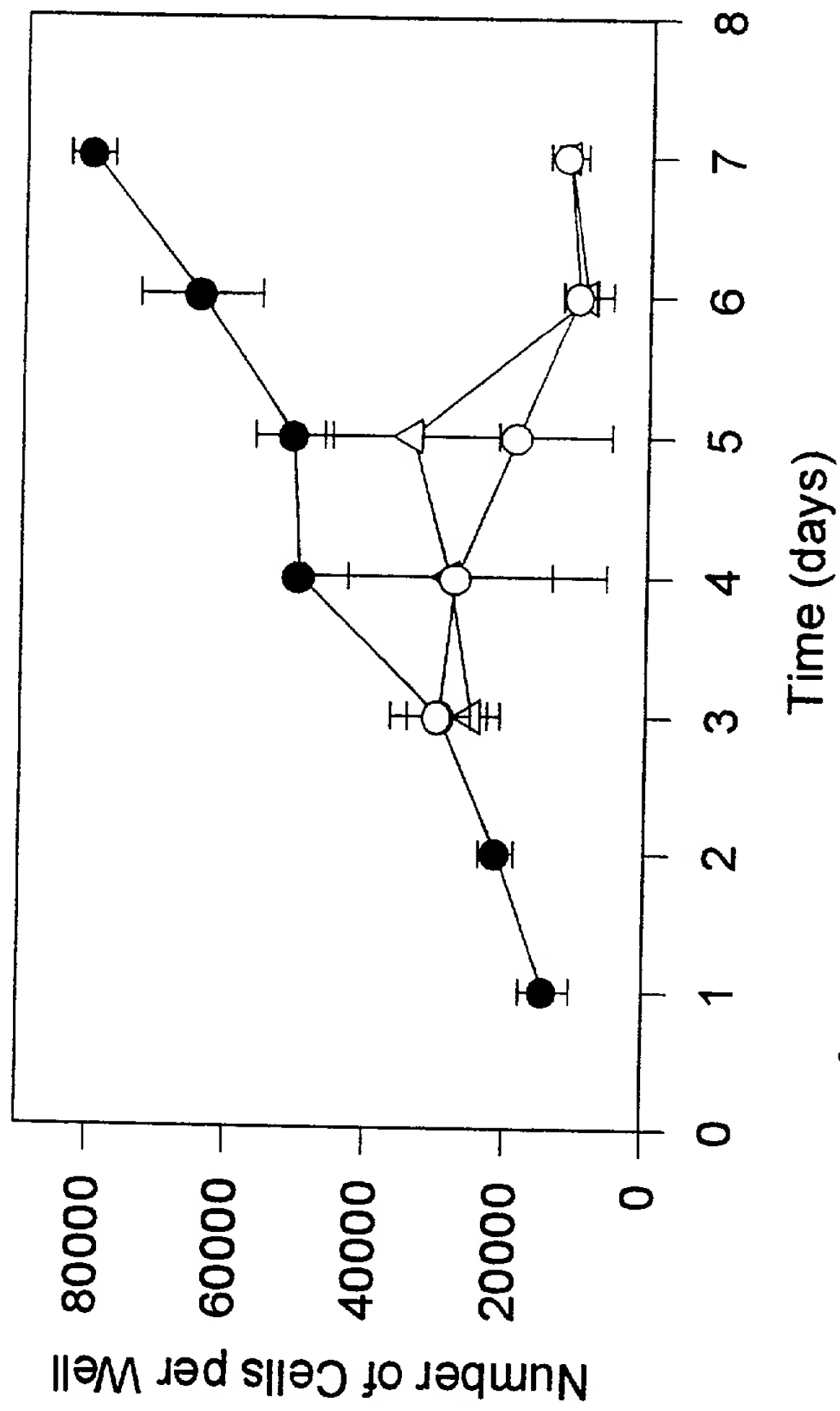


Fig. 11. LYCH-loading of MSCs as monitored by fluorescence spectroscopy (filled circles). Viability was monitored by trypan blue exclusion (filled squares). Open symbols show fluorescence and viability data for control cells (no LYCH).

Fig. 11



13
Fig. Growth curves for MSCs in the presence or absence of 90 mM trehalose. Open triangles represent cells grown in standard medium for 24 h, after which 90 mM trehalose was added. Note that the growth is unaffected by trehalose on day 3, but on the 4th and subsequent days, growth is largely inhibited by trehalose

Fig. 15B

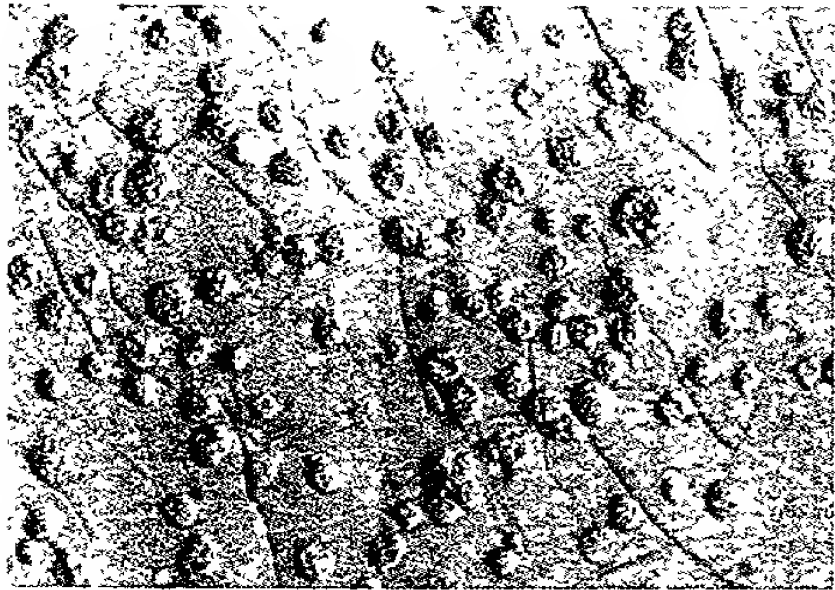


Fig. 16A

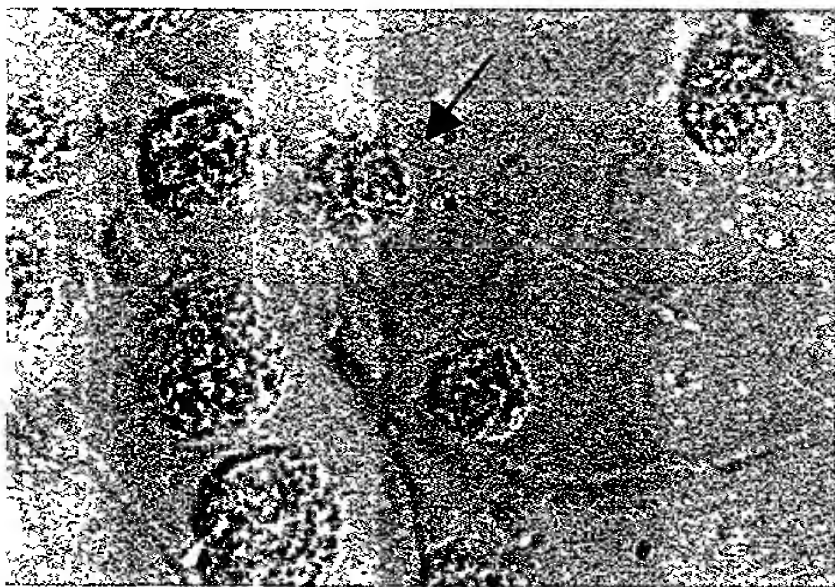


Fig. 16B

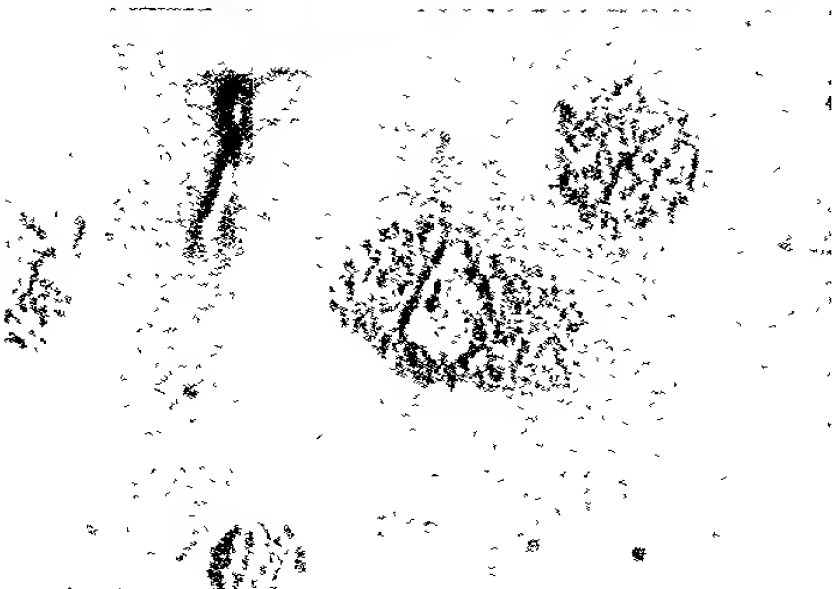


Fig. 16C

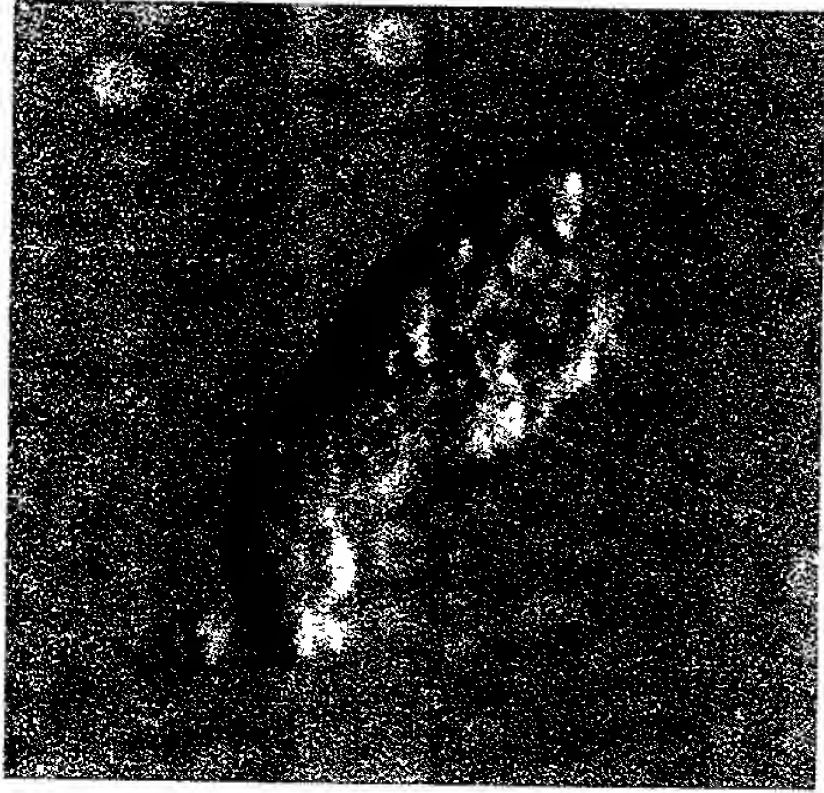


Fig. 17A

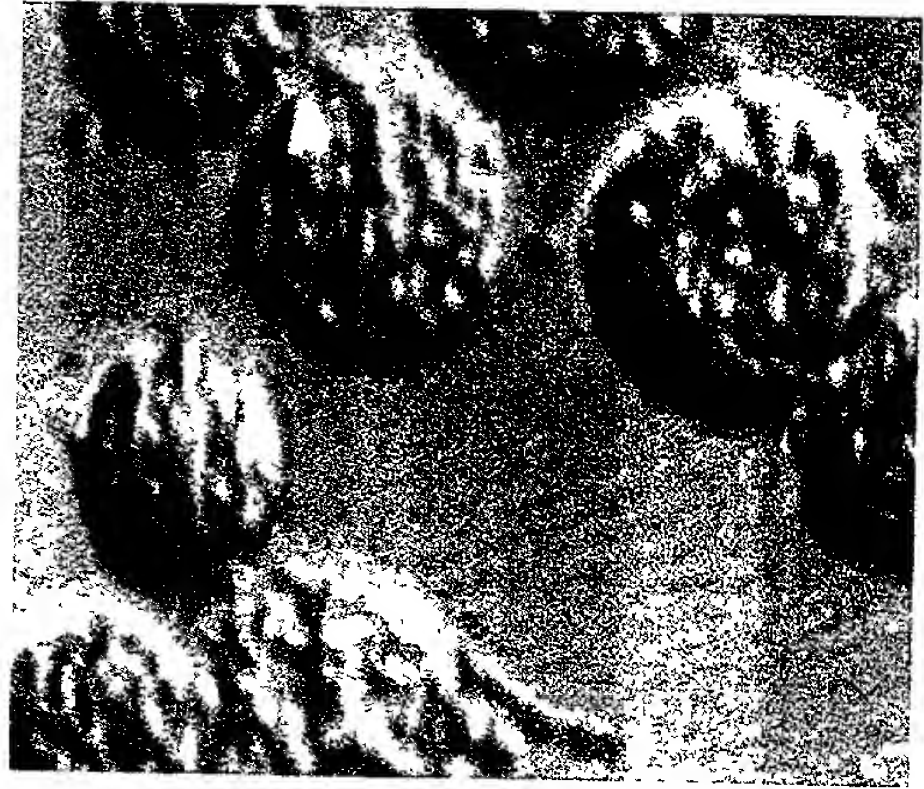


Fig. 17B

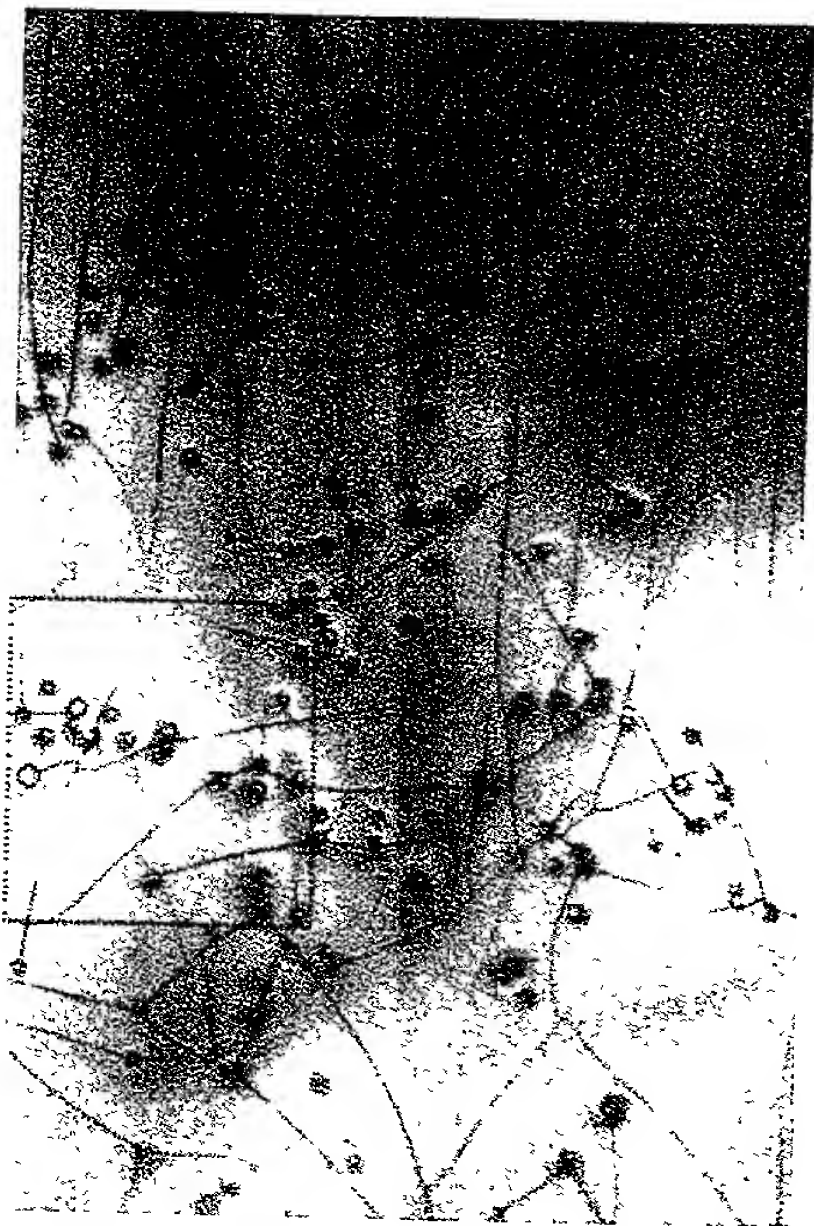


Fig. 18A

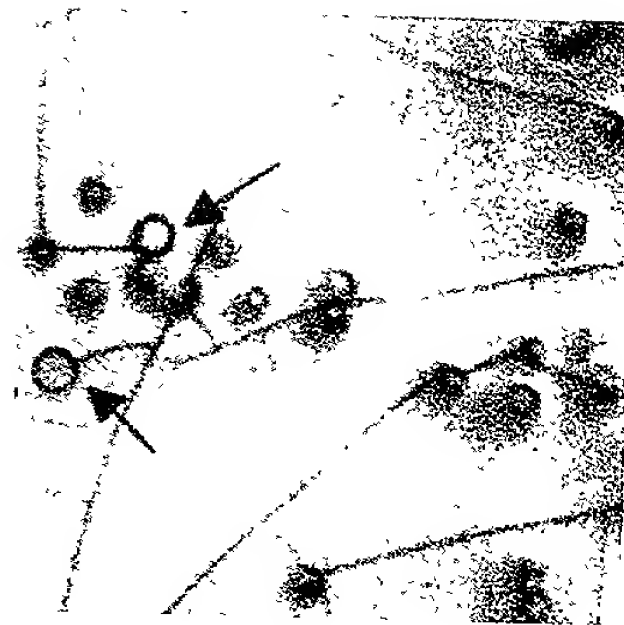


Fig. 18B



Fig. 19A



Fig. 19B

1960-1961

105000-0942550

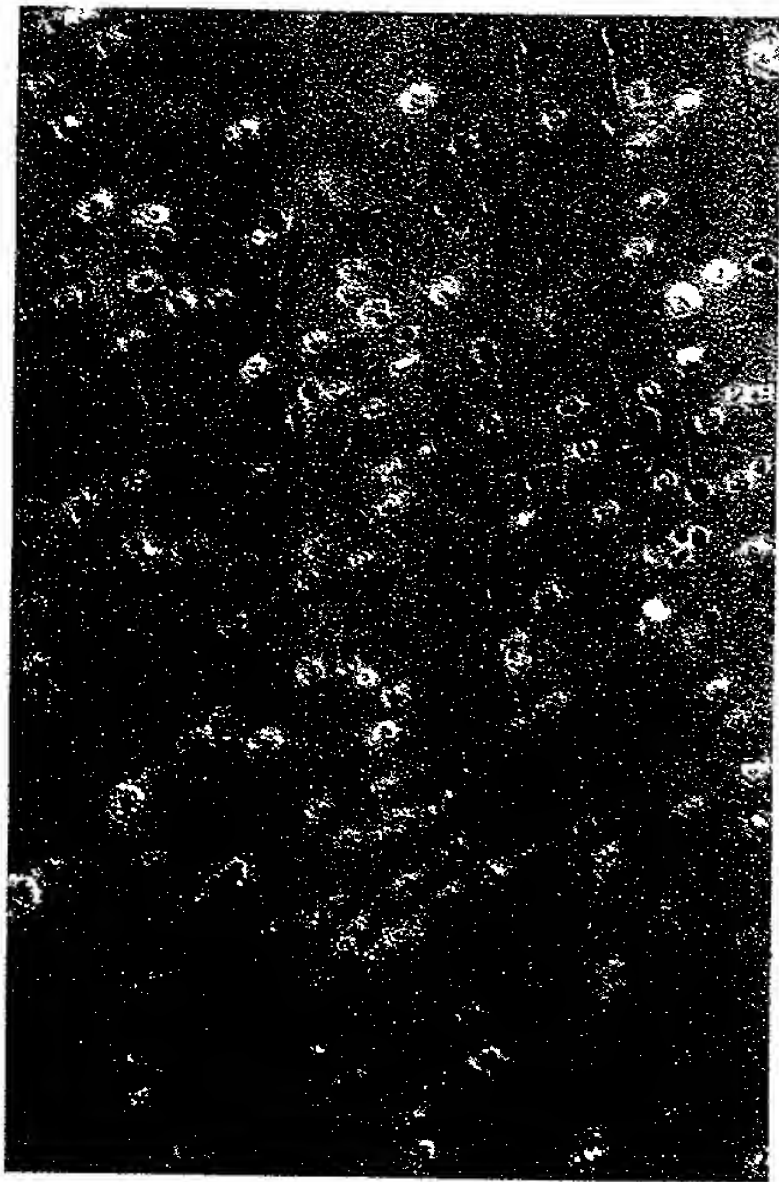


Fig. 20A

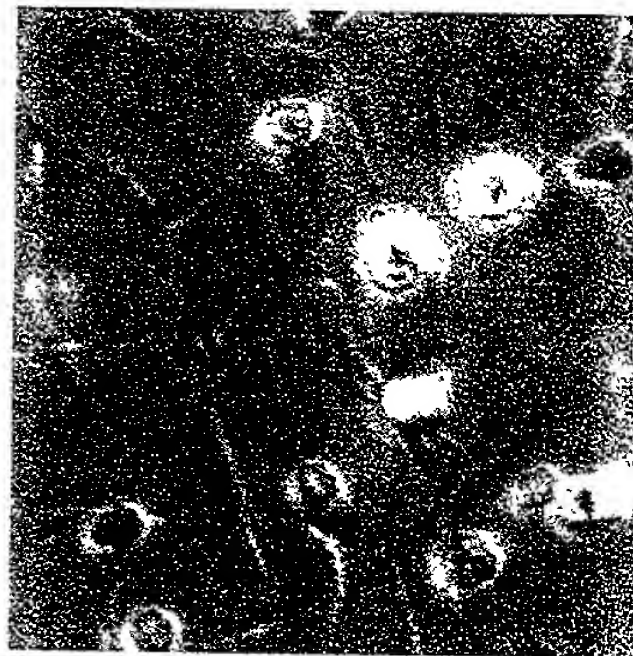


Fig. 20B

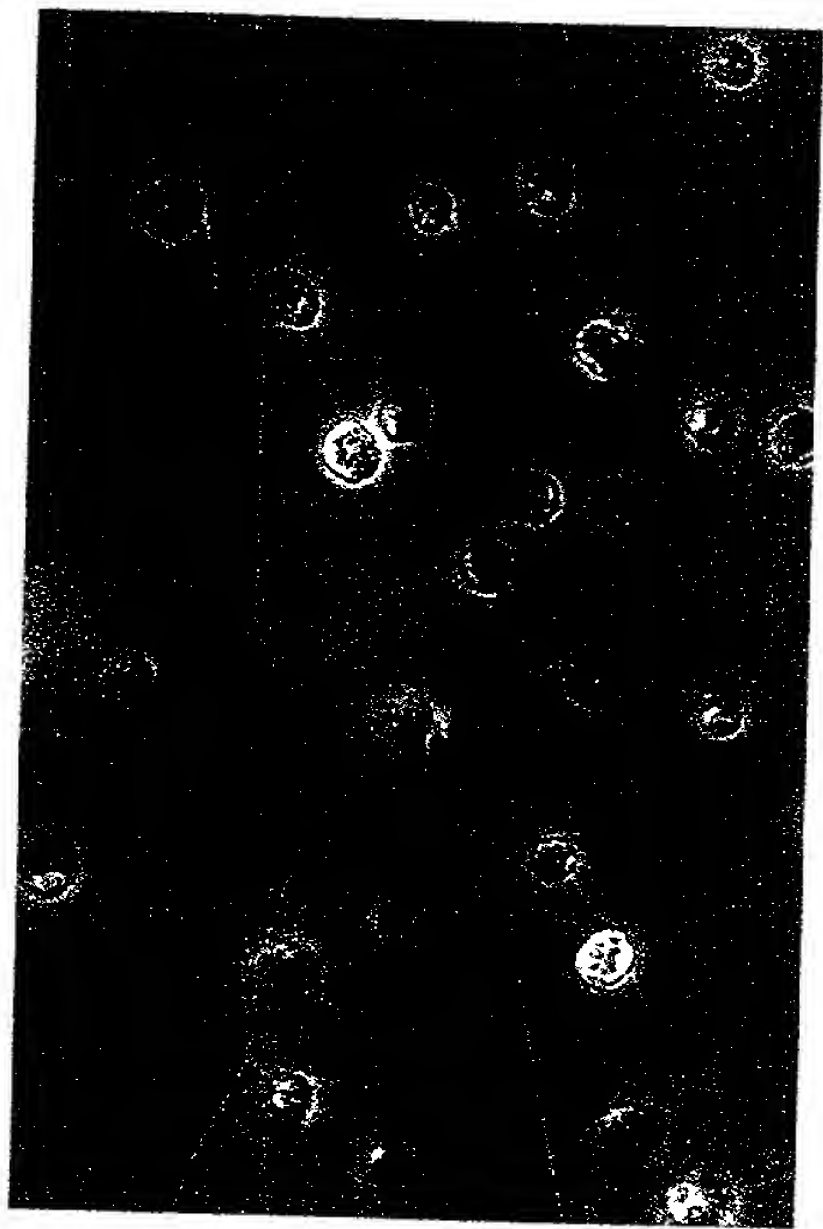


Fig. 21A

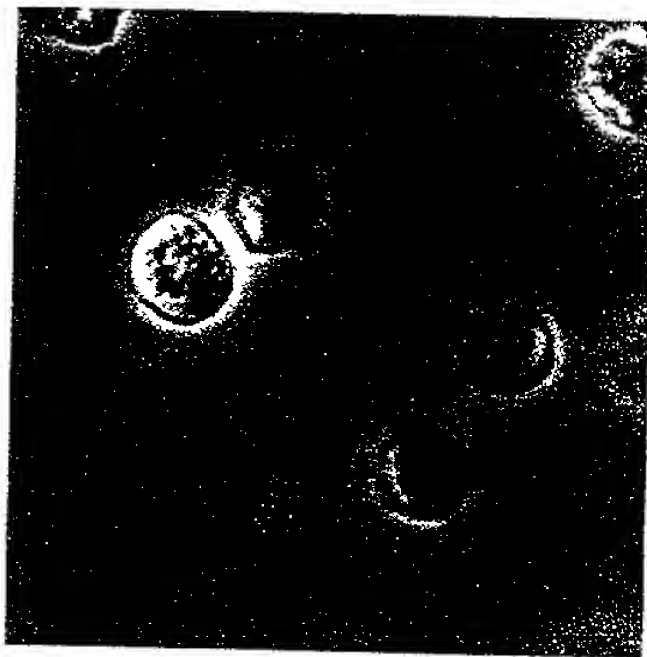


Fig. 21B

% Survival of Trehalose Loaded 293H
Cells as a Function of Residual H₂O
Content (Measured by Trypan Blue Exclusion)

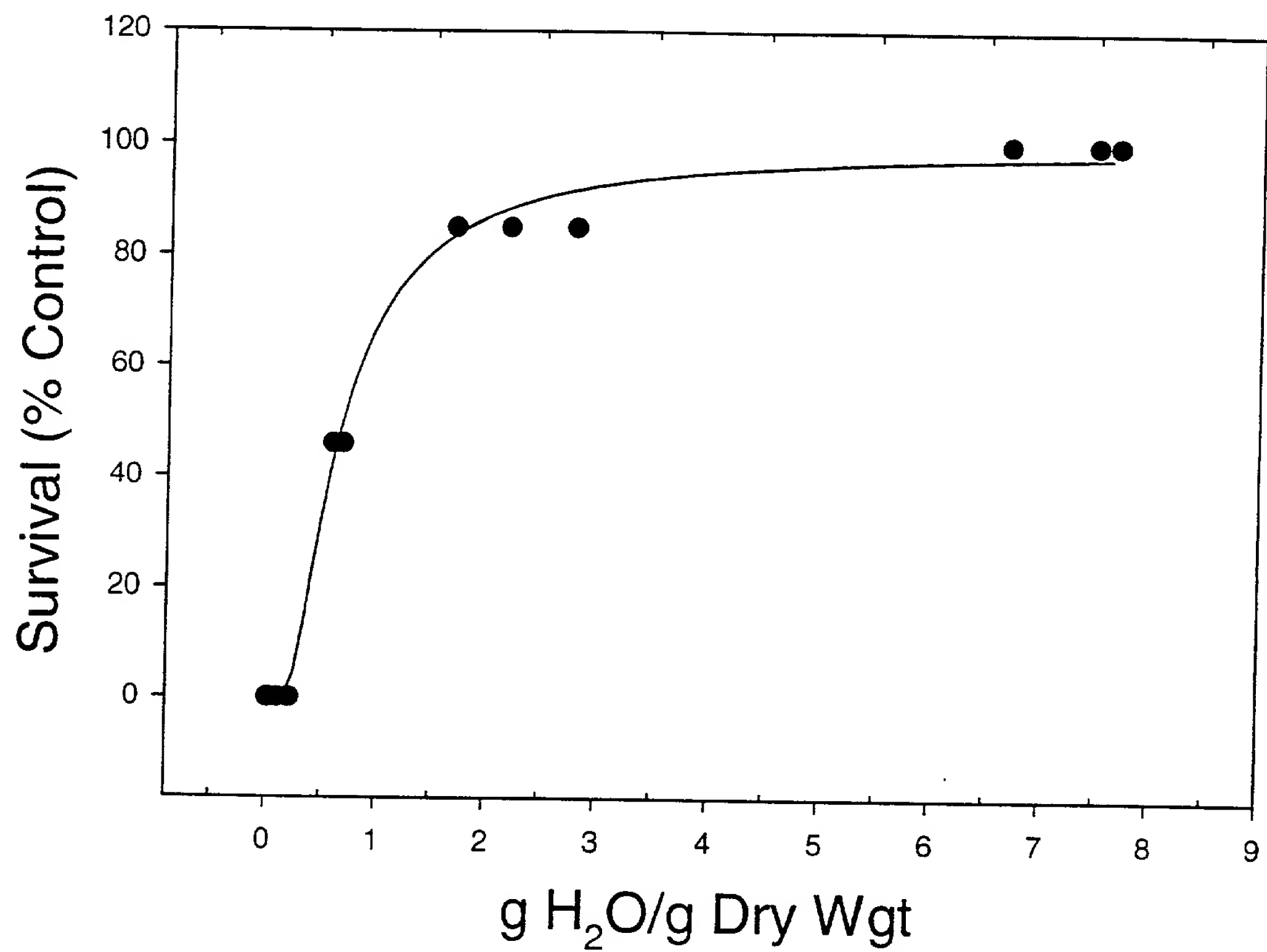


Fig. 22

293H Cells Water Content During
Freeze Drying

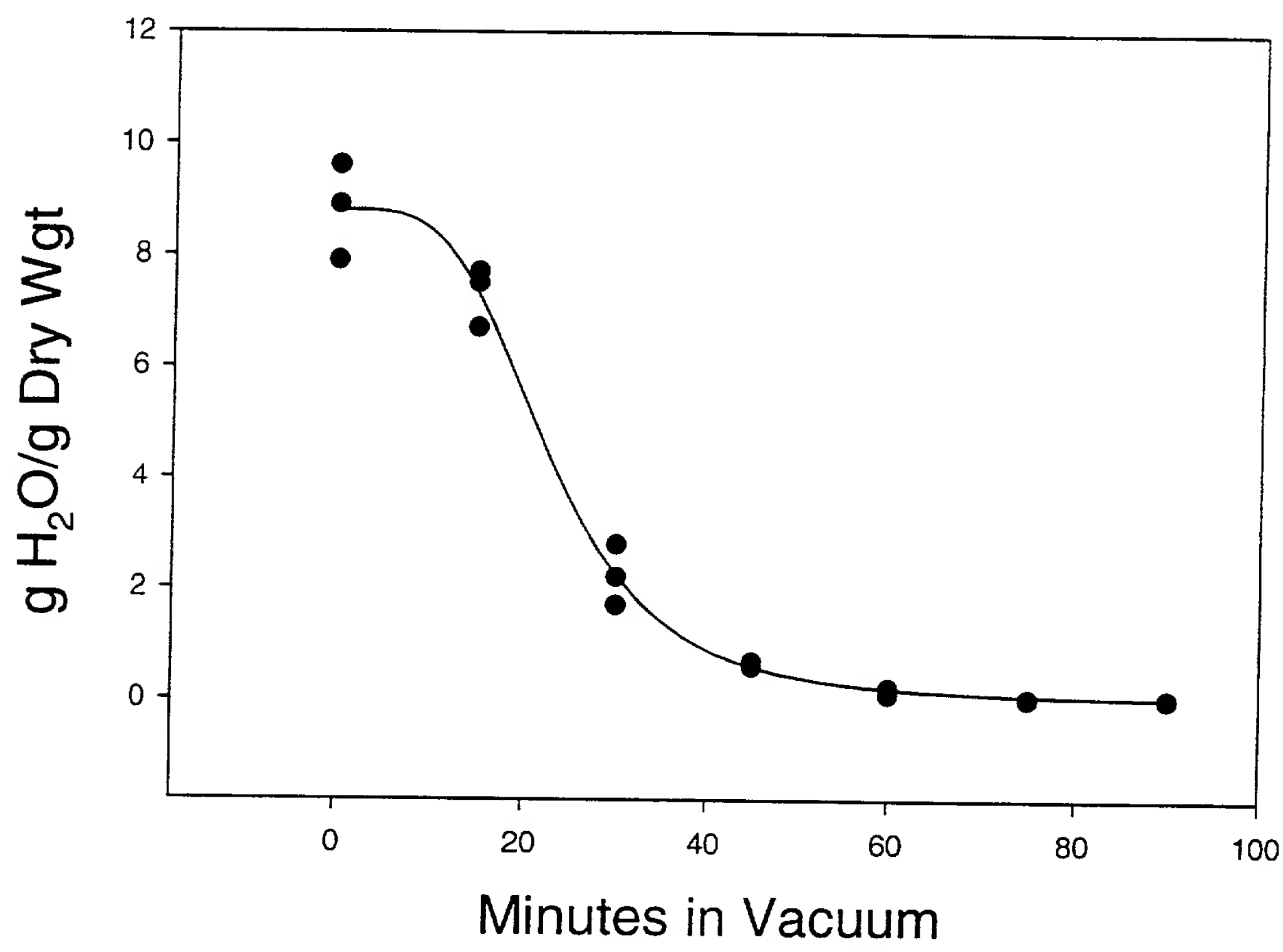


Fig. 23